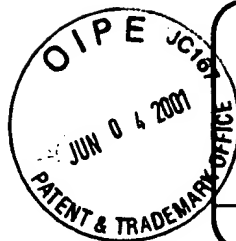


Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.



Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet	i	of	2
-------	---	----	---

Complete if Known

Application Number	09/714,851
Filing Date	11/22/2000
First Named Inventor	Shattil, Steve J
Group Art Unit	
Examiner Name	
Attorney Docket Number	CIDIV001

U.S. PATENT DOCUMENTS

[illegible]

FOREIGN PATENT DOCUMENTS

[illegible]

Examiner
Signature

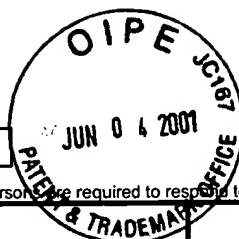
Date	
Considered	

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U. S. Patent and Trademark Office, Washington, DC 20231. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.**

Please type a plus sign (+) inside this box → ☐



PTO/SB/08B (08-00)
Approved for use through 10/31/2002. OMB 0651-0031
U. S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no person is required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449B/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 2 of 3

Complete if Known

Application Number
Filing Date
First Named Inventor
Group Art Unit
Examiner Name
Attorney Docket Number

RECEIVED
JUN 08 2001
Technology Center 2600

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS

Examiner Initials ¹	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
KM	40	LINNARTZ, "Synchronous MC-CDMA in Dispersive Mobile Rayleigh Channels," Proc. 2nd IEEE Benelux Sig. Proc. Symposium, Hilvarenbeek, Mar. 23 2000
KM	41	YEE, "Controlled Equalization of Multi-Carrier CDMA in an Indoor Rician Fading Channel," IEEE Trans. on Comm., Japan, Vol. E77-B, No. 7 Jul. 1994.
KM	42	YEE, "Wiener Filtering of Multi-Carrier CDMA in a Rayleigh Fading Channel," IEEE/ICC PIMRC Conference, Hague, Vol. 4, pp 1344-1347 Sep. 12-23, 1994.
KM	43	YAPU, "Blind Joint Soft-Detection Assisted Slow Frequency-Hopping Multi-Carrier DS-SS-CDMA," IEEE Trans. Comm., Vol 48, No. 9, Sep. 2000.
KM	44	HARA, "Overview of Multicarrier CDMA," IEEE Communications Mag., Dec. 1997.
KM	45	Frenger, "A Parallel Combinatory OFDM System," IEEE Trans. Comm., Vol. 47, No. 04, April 1999.
KM	46	SAULNIER, "Performance of an OFDM Spread Spectrum Comm. System using Lapped Transforms," IEEE, 1997
KM	47	CHANG, "Wavelet-Based Multi-carrier CDMA for Personal Comm. Systems," IEEE, 1996
KM	48	YEE, "Multicarrier Code Division Multiple Access (MC-CDMA): A New Spreading Technique for Comm. over Multipath Channels," Final Report for Micro Project 93-101.
KM	49	XU, "Performance of Multicarrier DS-SS-CDMA Systems in the Presence of Correlated Fading," IEEE, 1997
KM	50	SOUROUR, "Performance of Orthogonal Multicarrier CDMA in a Multipath Fading Channel," IEEE Trans. Comm., Vol 44, No. 3, MAR. 1996

Examiner Signature

[Signature]

Date Considered

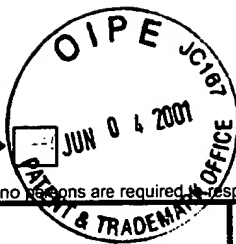
9/13/04

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U. S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

Please type a plus sign (+) inside this box →



PTO/SB/08B (08-00)
Approved for use through 10/31/2002. OMB 0651-0031
U. S. Patent and Trademark Office: U. S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449B/PTO			Complete if Known		
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)			Application Number		
			Filing Date		
			First Named Inventor		
			Group Art Unit		
			Examiner Name		
Sheet	3	of	3	Attorney Docket Number	

RECEIVED
JUN 08 2001
Technology Center 2600

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS			
Examiner Initials ¹	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
Km	51	KOWALSKI, "Optical pulse generation with a frequency shifted feedback laser," Appl. Phys. Lett. 53(9), Aug. 29, 1988	
Km	52	KOWALSKI, "Pulse generation with an acousto-optic frequency shifter in a passive cavity," Appl. Phys. Lett. 50(12), Mar. 23, 1987	
Km	53	Bonnet, "Dynamics of self-modelocking of a titanium-sapphire laser with intracavity frequency shifted feedback," Optics Comm. 123 (1996) Feb. 01, 1996	
Km	54	BINGHAM, "Multicarrier Modulation for Data Transmission: An Idea Whose Time has Come," IEEE Communications Mag., May 1990	
Km	55	SLIMANE, "MC-CDMA with Quadrature Spreading over Frequency Selective Fading Channels," IEEE, 1997	
Km	56	YEE, "Multicarrier CDMA in Indoor Wireless Radio Networks," IEICE Trans. on Comm., Japan, Vol. E77-B, No. 7, July 1994	

Examiner Signature	<i>M. J. [Signature]</i>	Date Considered	9/14/04
--------------------	--------------------------	-----------------	---------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include designation of this form with next communication to applicant.

¹ Unique citation designation number. ² Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U. S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.